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ABSTRACT

A multi-piece solid golf ball includes a solid core, at least one intermediate layer for covering the solid core, and a cover having at least one cover layer for covering the intermediate layer. The solid core has a compression deflection of 3.0 mm or more, the intermediate layer is mainly made from a thermoplastic resin and has a Shore D hardness of 45 to 55 and a specific gravity of 1.2 or less, and the cover has a Shore D hardness of 60 or more and a thickness of 1.6 to 2.3 mm. The golf ball is further specified such that a ratio of the compression deflection of a sphere composed of the solid core covered with the intermediate layer to the compression deflection of the solid core is more than 0.900 and less than 0.970; and a difference in JIS-C hardness (specified under JIS K6301-1996) between the surface and the center of the solid core is equal to or less than 5.